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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon, and a concise explanation of their relevance is described below or enclosed herewith per 37 CFR 1.97.

Application Number	10/004,473
Filing Date	November 2, 2001
First Named Inventor	Haiyan He
Group Art Unit	3722
Examiner Name	N/A
Attorney Docket Number	US010003

These documents may be relevant in that they have been (check one):

- considered in drafting the specification of the above referenced application;
- cited in the specification of the above-referenced application;
- previously submitted or cited in U.S. patent application(s) which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copies required);
- cited as an "X" or "Y" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed; or
- otherwise a concise explanation of the relevance of each document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is append hereto.

if the date of this IDS may be after the date of a final Office Action - per §1.97(e) check one:

- I hereby certify that these documents were first cited in any communication with a foreign Patent Office for a counterpart foreign application not more than three (3) months ago; or
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Michael E. Marion	Registration No. (Attorney/Agent)	32,266
Signature		Date	August 28, 2003

CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this is being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office tel# : _____ on the date below:

Name (Print Type)	Patti DeMichele		
Signature		Date	August 28, 2003



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE			Atty. Docket No. US010003		Serial No. 10/004,473		
			Applicant HAIYAN HE ET AL				
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)			Filing Date NOV. 2, 2001	Group 3722			
U.S. PATENT DOCUMENTS							
Ex. Int		Document Number	Date	Name	Class	Sub- class	Filing Date If Approp.
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Sub- Class	Trans.
	AI						Yes no
	AJ						
	AK						
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AL		"Detecting Boundaries in a Vector Field", by Hsien-Che Lee et al., IEEE Transaction on Acoustics, Speech and Signal Processing. Vol. 39, 1991, pages 1181-1194.				
	AM						
	AN						
Examiner			Date Considered				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP. Draw line through citation if not in conformance and not considered. Include a copy this form with next communication to applicant.</p>							